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(54) Title: SYSTEM AND METHOD FOR IN VIVO DETECTION OF H. PYLORI

(57) Abstract: A method and system for in vivo detection of H. pylori. The method according to one embodiment includes sensing pH in at least one location proximate to a patient's stomach mucus and transmitting by radio frequency pH data to an external receiving unit. The pH data may be part of an in vivo image.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL03/00893

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B23H 3/02; G01N 27/26
 US CL : 204/228.6, 435

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 204/228.6, 435

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST, Medline, PALM

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,391,558 B1 (HENKENS et al.) 21 May 2002 (21.05.2002), entire reference for teaching of devices for detecting pH	1-29
Y	US 5,787,885 A (LEMELSON) 04 August 1998 (04.08.1998), entire reference for analysis of body fluids, including stomach pH.	1-29
X	US 5,657,759 A (ESSEN-MOLLER) 19 August 1997 (19.08.1997) entire reference for device to remotely asses the status of the stomach including pH (see ussummary in abstract).	1-29
Y	KELLY, DJ. The physiology and metabolism of the human gastric pathogen Helicobacter pylori. Adv. Microb. Physiol. 1998, Vol. 40, abstract, relied upon to show art accepted affect on stomach pH for a H. pylori infection.	1-29

<input type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input type="checkbox"/>	See patent family annex.
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"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"P"	document published prior to the international filing date but later than the priority date claimed		

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